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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

13765-726

Total Pages

62

First Named Inventor or Application Identifier

Michael R. Stallcup, Ph.D.

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APPLICATION ELEMENTS

MPEP chapter 600 concerning utility patent application contents:

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231☐ Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)☒ Specification
(preferred arrangement set forth below)[Total Pages **51**]

- X - Descriptive title of the Invention
- X - Cross References to Related Applications
- X - Statement Regarding Fed sponsored R & D
- X - Reference to Microfiche Appendix
- X - Background of the invention
- X - Brief Summary of the Invention
- X - Brief Description of the Drawings (if filed)
- X - Detailed Description
- X - Claim(s)
- X - Abstract of the Disclosure

3. ☒ Drawings (35 USC 113) [Total Sheets **11**]4. Oath or Declaration [Total Pages ☐a. ☐ Newly executed (original or copy)b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)

[Note Box 5 below]

i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in
the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)5. ☐ Incorporated By Reference (useable if Box 4b is checked) The entire
disclosure of the prior application, from which a
copy of the oath or declaration is supplied under Box 4b,
is considered as being part of the disclosure of the accompanying
application and is hereby incorporated by reference therein.6. ☐ Microfiche Computer Program (Appendix)7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)a. ☐ Computer Readable Copyb. ☐ Paper Copy (identical to computer copy)c. ☐ Statement verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**8. ☐ Assignment Papers (cover sheet & document(s))9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney10. ☐ English Translation Document (if applicable)11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations12. ☐ Preliminary Amendment13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)14. ☐ Small Entity Statement(s) ☐ Statement filed in prior application,
Status still proper and desired15. ☐ Certified Copy of Priority Document (s)
(if foreign priority is claimed)16. ☐ Other:17. If a CONTINUING APPLICATION,
check appropriate box and supply the requisite information:☐ Continuation ☐ Divisional ☐ Continuation-in-part
(CIP)

of prior application No: _____ / _____

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